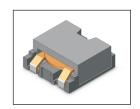
SMT Power Inductor

HMU1056L Type

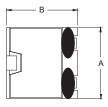
Features

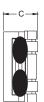
- RoHS compliant.
- Low profile, SMD type.
- High current.
- Magnetic shielded.
- High energy storage and low DCR.
- Provided with embossed carrier tape packing.
- Ideal for power source circuits, DC-DC converter, DC-AC inverters inductor applications.
- In addition to the standard versions shown here, customized inductors are available to meet your exact requirements.

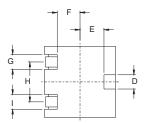


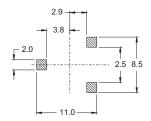
Mechanical Dimension:

RECOMMENDED PAD PATTERNS









UNIT: mm/inch A = 10.40 / 0.409 Max. B = 10.40 / 0.409 Max. C = 5.60 / 0.220 Max. D = 1.40 / 0.055 E = 3.80 / 0.150 F = 2.90 / 0.114 G = 2.60 / 0.102 H = 5.50 / 0.217

Electrical Characteristics: At 25°C: 100KHz, 1V

PART NO.	L ¹ (uH)	DCR (m Ω) MAX	Irated ² (Adc)
HMU1056L-R36	0.36	1.7	24.0
HMU1056L-0R8	0.80	2.4	16.0
HMU1056L-1R4	1.40	4.1	12.0
HMU1056L-2R2	2.20	5.3	9.6
HMU1056L-3R2	3.20	7.5	7.8
HMU1056L-4R3	4.30	10.5	6.8
HMU1056L-5R7	5.70	12.4	5.8
HMU1056L-7R2	7.20	18.0	5.3
HMU1056L-8R8	8.80	23.8	4.8

- 1. Tolerance of inductance : $0.36uH \pm 30\%$ $0.80 \sim 8.80uH \pm 20\%$
- IRATED is the DC current which cause the inductance drop less than 35% (20% typical) of its nominal inductance without current and the surface temperature of the part increase less than 45°C.
- 3. Operating temperature: -20°C to 105°C (including self-temperature rise).

